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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known	
Application Number	10/678,520
Filing Date	October 2, 2003
First Named Inventor	David C. Sandeman
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	04616/0200064-US0

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-3,695,394-B1	10-03-1972	Carpenter	
	AB	US-4,582,176-B1	04-15-1986	Roberts	
	AC	US-4,830,320-B1	05-16-1989	Bellows	
	AD	US-5,680,675-B1	10-28-1997	Davis	
	AE	US-6,164,608-B1	12-26-2000	Schiel, Jr.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	BA	FR-2 818 683-A1	06-28-2002	Abou Assi Daniel		X

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NON PATENT LITERATURE DOCUMENTS

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Examiner Signature		Date Considered	2/15/05

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	BA	GB-956,671	04-29-1964	Hodgetts, Herbert Ernest		
	BB	GB-2 212 213-A1	07-19-1989	Rumball, Kenneth Francis		

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